

(19) World Intellectual Property  
Organization  
International Bureau



(43) International Publication Date  
30 June 2005 (30.06.2005)

PCT

(10) International Publication Number  
**WO 2005/058309 A1**

(51) International Patent Classification<sup>7</sup>: **A61K 31/404**,  
A61P 25/28

HANSEN, Jens, Rainer [DK/DK]; Grimskær 1, DK-3660  
Stenløse (DK).

(21) International Application Number:  
PCT/DK2004/000875

(74) Agent: THALSØ-MADSEN, Birgit; Head of Patent Sec-  
tion, Industriparken 55, DK-2750 Ballerup (DK).

(22) International Filing Date:  
16 December 2004 (16.12.2004)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:  
60/529,630 16 December 2003 (16.12.2003) US

(71) Applicant (for all designated States except US): LEO  
PHARMA A/S [DK/DK]; Industriparken 55, DK-2750  
Ballerup (DK).

(81) Designated States (unless otherwise indicated, for every  
kind of national protection available): AE, AG, AL, AM,  
AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN,  
CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI,  
GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE,  
KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD,  
MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG,  
PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM,  
TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM,  
ZW.

(72) Inventors; and

(75) Inventors/Applicants (for US only): BOUERAT,  
Laetitia, Maud, Elysa [FR/DK]; Bille Brahes Vej 12,  
4.tv, DK-1963 Frederiksberg C (DK). FENSHOLDT,  
Jef [DK/DK]; Østergade 14, DK-3660 Stenløse (DK).  
NIELSEN, Simon, Feldbæk [DK/DK]; Åfaldet 72,  
DK-2730 Herlev (DK). LIANG, Xifu [CN/DK]; Ejby  
Smedevej 4B, DK-2600 Glostrup (DK). HAVEZ, So-  
phie, Elisabeth [FR/DK]; Peter Bangsvej 201, DK-2500  
Valby (DK). ANDERSSON, Ellen, Christina [DK/DK];  
Virumbakken 11, DK-2830 Virum (DK). JENSEN, Lene  
[DK/DK]; Bakkesvinget 18, DK-2760 Maløv (DK).

(84) Designated States (unless otherwise indicated, for every  
kind of regional protection available): ARIPO (BW, GH,  
GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM,  
ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),  
European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI,  
FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO,  
SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN,  
GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

— with international search report

For two-letter codes and other abbreviations, refer to the "Guid-  
ance Notes on Codes and Abbreviations" appearing at the begin-  
ning of each regular issue of the PCT Gazette.

(54) Title: NOVEL THERAPEUTIC USE OF INDOLINONE DERIVATIVES

(57) Abstract: Certain oxindole compounds have been found to be effective in experimentally induced autoimmune encephalitis and are therefore suggested for the preparation of a medicament for the prevention, treatment or amelioration of multiple sclerosis, or to delay the onset of or reduce the relapse rate in multiple sclerosis.

WO 2005/058309 A1